

Attachment #7

Misc - 56
24 Nov 64

25X1 SUBJECT: Contract [] Progress Review Meeting, 17 Nov 64 -
PAR 212, Color Acquisition System Review Study

25X1 VISITORS: []

25X1 CONTRACTOR PERSONNEL: []

25X1

25X1 1. Background and problems in the study of acquisition films
were reviewed at the request of [] benefit. Mr.
[] had only recently been assigned to this project.

25X1

2. Specific comments affecting scope and direction of effort
were as follows:

a. Customer is interested in acquisition materials below
5,000 feet, but not between 5,000 and 50,000 feet. Paragraph 10 on
page 14 of the 8 September Quarterly Report is thus in error.

b. The customer would like us to supply him with information
on the type of equipment and the conditions we have for viewing color films.
This should include manufacturer-equipment identification.

3. Seven designs for briefing aids were reviewed and discussed:

a. A small chart was used to show the expected results with
high and low-contrast color films at different acquisition altitudes, and
the effects of atmospheric haze.

b. A chart design was reviewed which related choice of
acquisition films to the values for contrast, exposure, density range and
percent of recordable tone in aerial scenes.

c. The effect of choice of acquisition film on choice and
quality of duplicates was represented by a third design.

d. Color stereo systems were charted to show the various
possibilities with B & W (black-and-white) and low and high-contrast color
pairs.

Declass Review by NGA.

GROUP 1
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e. A fifth chart summarizing tests with different duplicating systems was shown for one acquisition material.

f. Enlarging systems were treated exclusively by the sixth chart design to show the various grades of quality obtainable in working copies.

g. Resolution and tone were shown as separate measure of quality which could be calculated for available films used in enlarging systems.

25X1 4. raised the question of whether calculated figures on quality should be used on charts.

5. Sketches of proposed charts will be provided to the customer.

ACTION ITEMS

6. None.

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ing and declassification

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